

Anurag K Srivastava

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

200 papers	3,426 citations	28 h-index	52 g-index
231 ext. papers	4,583 ext. citations	5.3 avg, IF	6.11 L-index

#	Paper	IF	Citations
200	Controls for microgrids with storage: Review, challenges, and research needs. <i>Renewable and Sustainable Energy Reviews</i> , 2010 , 14, 2009-2018	16.2	292
199	Demand response for sustainable energy systems: A review, application and implementation strategy. <i>Renewable and Sustainable Energy Reviews</i> , 2015 , 45, 343-350	16.2	208
198	A Novel Approach to Forecast Electricity Price for PJM Using Neural Network and Similar Days Method. <i>IEEE Transactions on Power Systems</i> , 2007 , 22, 2058-2065	7	141
197	Defining and Enabling Resiliency of Electric Distribution Systems With Multiple Microgrids. <i>IEEE Transactions on Smart Grid</i> , 2016 , 7, 2859-2868	10.7	127
196	Security-constrained unit commitment with wind generation and compressed air energy storage. <i>IET Generation, Transmission and Distribution</i> , 2012 , 6, 167	2.5	126
195	. <i>IEEE Transactions on Smart Grid</i> , 2015 , 6, 2444-2453	10.7	107
194	Modeling Cyber-Physical Vulnerability of the Smart Grid With Incomplete Information. <i>IEEE Transactions on Smart Grid</i> , 2013 , 4, 235-244	10.7	105
193	Impact of Distributed Generations With Energy Storage Devices on the Electric Grid. <i>IEEE Systems Journal</i> , 2012 , 6, 110-117	4.3	98
192	Applications of Real-Time Simulation Technologies in Power and Energy Systems. <i>IEEE Power and Energy Technology Systems Journal</i> , 2015 , 2, 103-115	4.3	93
191	. <i>IEEE Transactions on Smart Grid</i> , 2015 , 6, 566-575	10.7	82
190	The Challenges and Policy Options for Integrating Plug-in Hybrid Electric Vehicle into the Electric Grid. <i>Electricity Journal</i> , 2010 , 23, 83-91	2.6	80
189	A control system testbed to validate critical infrastructure protection concepts. <i>International Journal of Critical Infrastructure Protection</i> , 2011 , 4, 88-103	4.1	76
188	A novel hybrid approach using wavelet, firefly algorithm, and fuzzy ARTMAP for day-ahead electricity price forecasting. <i>IEEE Transactions on Power Systems</i> , 2013 , 28, 1041-1051	7	72
187	A Novel Metric to Quantify and Enable Resilient Distribution System Using Graph Theory and Choquet Integral. <i>IEEE Transactions on Smart Grid</i> , 2018 , 9, 2918-2929	10.7	60
186	Ensemble-Based Algorithm for Synchrophasor Data Anomaly Detection. <i>IEEE Transactions on Smart Grid</i> , 2019 , 10, 2979-2988	10.7	58
185	Real-Time Implementation of Intelligent Reconfiguration Algorithm for Microgrid. <i>IEEE Transactions on Sustainable Energy</i> , 2014 , 5, 598-607	8.2	55
184	Outage Management of Distribution Systems Incorporating Information From Smart Meters. <i>IEEE Transactions on Power Systems</i> , 2016 , 31, 4144-4154	7	50

183	Optimal Control Algorithms for Reconfiguration of Shipboard Microgrid Distribution System Using Intelligent Techniques. <i>IEEE Transactions on Industry Applications</i> , 2017 , 53, 474-482	4.3	49
182	Optimal Control of Voltage and Power in a Multi-Zonal MVDC Shipboard Power System. <i>IEEE Transactions on Power Systems</i> , 2012 , 27, 642-650	7	45
181	Grid Integration of Small-Scale Photovoltaic Systems in Secondary Distribution Network: A Review. <i>IEEE Transactions on Industry Applications</i> , 2020 , 56, 3178-3195	4.3	43
180	Engineering future cyber-physical energy systems: Challenges, research needs, and roadmap 2009 , . <i>IEEE Transactions on Industry Applications</i> , 2018 , 54, 656-664		37
179	Privacy, technology, and norms: the case of Smart Meters. <i>Social Science Research</i> , 2015 , 51, 64-76	2.1	36
178	An Effort to Optimize Similar Days Parameters for ANN-Based Electricity Price Forecasting. <i>IEEE Transactions on Industry Applications</i> , 2009 , 45, 1888-1896	4.3	35
177	Quantifying Power Distribution System Resiliency Using Code-Based Metric. <i>IEEE Transactions on Industry Applications</i> , 2018 , 54, 3676-3686	4.3	31
176	Multi-Layer Architecture for Voltage and Frequency Control in Networked Microgrids. <i>IEEE Transactions on Smart Grid</i> , 2016 , 1-1	10.7	30
175	A Novel Hybrid Approach Based on Wavelet Transform and Fuzzy ARTMAP Networks for Predicting Wind Farm Power Production. <i>IEEE Transactions on Industry Applications</i> , 2013 , 49, 2253-2261	4.3	30
174	. <i>IEEE Transactions on Smart Grid</i> , 2020 , 11, 1055-1065	10.7	28
173	Cyber Physical Security Analytics for Transactive Energy Systems. <i>IEEE Transactions on Smart Grid</i> , 2020 , 11, 931-941	10.7	28
172	A Global Real-Time Superlab: Enabling High Penetration of Power Electronics in the Electric Grid. <i>IEEE Power Electronics Magazine</i> , 2018 , 5, 35-44	1.5	28
171	A Real-Time Data-Driven Algorithm for Health Diagnosis and Prognosis of a Circuit Breaker Trip Assembly. <i>IEEE Transactions on Industrial Electronics</i> , 2015 , 62, 3822-3831	8.9	27
170	2009 ,		26
169	Application of Genetic Algorithm for Reconfiguration of Shipboard Power System 2007 ,		25
168	. <i>IEEE Transactions on Industry Applications</i> , 2018 , 54, 712-721	4.3	23
167	Cyber Physical Security Analytics for Anomalies in Transmission Protection Systems. <i>IEEE Transactions on Industry Applications</i> , 2019 , 55, 6313-6323	4.3	23
166			

165	. <i>IEEE Transactions on Power Systems</i> , 2020 , 35, 2748-2758	7	22
164	Data-Driven Day-Ahead PV Estimation Using Autoencoder-LSTM and Persistence Model. <i>IEEE Transactions on Industry Applications</i> , 2020 , 56, 7185-7192	4.3	22
163	Geographically distributed real-time digital simulations using linear prediction. <i>International Journal of Electrical Power and Energy Systems</i> , 2017 , 84, 308-317	5.1	20
162	Development of a smart grid test bed and applications in PMU and PDC testing 2012 ,		20
161	. <i>IEEE Power Engineering Review</i> , 2002 , 22, 25-29		20
160	. <i>IEEE Transactions on Smart Grid</i> , 2019 , 10, 5405-5415	10.7	20
159	A Real Time Event Detection, Classification and Localization Using Synchrophasor Data. <i>IEEE Transactions on Power Systems</i> , 2020 , 35, 4421-4431	7	20
158	Resilience of the electric distribution systems: concepts, classification, assessment, challenges, and research needs. <i>IET Smart Grid</i> , 2020 , 3, 133-143	2.7	19
157	Electricity markets: an overview and comparative study. <i>International Journal of Energy Sector Management</i> , 2011 , 5, 169-200	2.5	19
156	Comparison of state estimation algorithms for extreme contingencies 2008 ,		19
155	Measuring and Enhancing Microgrid Resiliency Against Cyber Threats. <i>IEEE Transactions on Industry Applications</i> , 2019 , 55, 6303-6312	4.3	18
154	Data-driven failure diagnosis in transmission protection system with multiple events and data anomalies. <i>Journal of Modern Power Systems and Clean Energy</i> , 2019 , 7, 767-778	4	18
153	Locational marginal price for distribution system considering demand response 2012 ,		18
152	Integrating STATCOM and Battery Energy Storage System for Power System Transient Stability: A Review and Application. <i>Advances in Power Electronics</i> , 2012 , 2012, 1-12		18
151	2015 ,		17
150	Energy management and control algorithms for integration of energy storage within microgrid 2014 ,		17
149	Integration of flow battery for resilience enhancement of advanced distribution grids. <i>International Journal of Electrical Power and Energy Systems</i> , 2019 , 109, 314-324	5.1	15
148	Implementation of non-intrusive energy saving estimation for Volt/VAr control of smart distribution system. <i>Electric Power Systems Research</i> , 2015 , 120, 39-46	3.5	14

147	Effective Control and Management Scheme for Isolated and Grid Connected DC Microgrid. <i>IEEE Transactions on Industry Applications</i> , 2020 , 56, 6767-6780	4.3	14
146	Integrated simulation to analyze the impact of cyber-attacks on the power grid 2015 ,		13
145	Tool for testing of phasor measurement units: PMU performance analyser. <i>IET Generation, Transmission and Distribution</i> , 2015 , 9, 154-163	2.5	13
144	. <i>IEEE Transactions on Industry Applications</i> , 2017 , 53, 5915-5926	4.3	13
143	2012 ,		13
142	Small signal stability analysis of a shipboard MVDC power system 2009 ,		13
141	A new recursive neural network algorithm to forecast electricity price for PJM day-ahead market. <i>International Journal of Energy Research</i> , 2010 , 34, 507-522	4.5	13
140	Shipboard Power System Restoration Using Binary Particle Swarm Optimization 2007 ,		13
139	Load modeling and voltage optimization using smart meter infrastructure 2013 ,		12
138	Cyber Physical Security Analytics for Anomalies in Transmission Protection Systems 2018 ,		12
137	Graph-theoretic algorithms for cyber-physical vulnerability analysis of power grid with incomplete information. <i>Journal of Modern Power Systems and Clean Energy</i> , 2018 , 6, 887-899	4	12
136	Real time testing and validation of Smart Grid devices and algorithms 2013 ,		11
135	Distributed simulation of power systems using real-time digital simulator 2009 ,		11
134	Real time power system simulation using RTDS and NI PXI 2008 ,		11
133	Distribution Power System Resiliency Improvement Using Distributed Generation and Automated Switching 2019 ,		10
132	Wide-area monitoring and control using the real time digital simulator and a synchrophasor vector processor. <i>European Transactions on Electrical Power</i> , 2011 , 21, 1521-1530		10
131	Hardware in the Loop Test for Power System Modeling and Simulation 2006 ,		10
130	Synchrophasor-Based Condition Monitoring of Instrument Transformers Using Clustering Approach. <i>IEEE Transactions on Smart Grid</i> , 2020 , 11, 2688-2698	10.7	10

129	. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 7060-7069	11.9	10
128	Development and Application of a Real-Time Test Bed for CyberPhysical System. <i>IEEE Systems Journal</i> , 2015 , 1-12	4.3	9
127	Active power management in multiple microgrids using a multi-agent system with JADE 2014 ,		9
126	Design and development of a new smart grid course at Washington State University 2012 ,		9
125	Sensitivity analysis of neural network parameters to improve the performance of electricity price forecasting. <i>International Journal of Energy Research</i> , 2009 , 33, 38-51	4.5	9
124	Hardware in the Loop Test for Relay Model Validation 2007 ,		9
123	2006 ,		9
122	Cyber-Physical Vulnerability and Security Analysis of Power Grid with HVDC Line 2019 ,		9
121	CyPhyR: a cyber-physical analysis tool for measuring and enabling resiliency in microgrids. <i>IET Cyber-Physical Systems: Theory and Applications</i> , 2019 , 4, 313-321	2.5	9
120	Frequency sensitivity analysis of dynamic demand response in wind farm integrated power system. <i>IET Renewable Power Generation</i> , 2019 , 13, 905-919	2.9	8
119	A novel hybrid approach based on wavelet transform and fuzzy ARTMAP network for predicting wind farm power production 2012 ,		8
118	Energy management and control for islanded microgrid using multi-agents 2013 ,		8
117	Resources for pre-university power engineering outreach 2011 ,		8
116	Price Forecasting for Day-Ahead Electricity Market Using Recursive Neural Network. <i>IEEE Power Engineering Society General Meeting</i> , 2007 ,		8
115	CP-TRAM: Cyber-Physical Transmission Resiliency Assessment Metric. <i>IEEE Transactions on Smart Grid</i> , 2020 , 11, 5114-5123	10.7	7
114	A Two-Stage Fuzzy Multiobjective Optimization for Phase-Sensitive Day-Ahead Dispatch of Battery Energy Storage System. <i>IEEE Systems Journal</i> , 2018 , 12, 3649-3660	4.3	7
113	Experience With a Multidisciplinary, Team-Taught Smart Grid Cyber Infrastructure Course. <i>IEEE Transactions on Power Systems</i> , 2017 , 32, 2267-2275	7	7
112	Real Time Modeling and Simulation of Cyber-Power System. <i>Power Systems</i> , 2015 , 43-74	0.4	7

111	A hybrid intelligent algorithm for short-term energy price forecasting in the Ontario market 2012 ,		7
110	Impact of distributed generation with storage on electric grid stability 2011 ,		7
109	Real time test bed development for power system operation, control and cyber security 2010 ,		7
108	Reinventing the utility for distributed energy resources: A proposal for retail electricity markets. <i>Advances in Applied Energy</i> , 2021 , 2, 100026		7
107	ARCADES: analysis of risk from cyberattack against defensive strategies for the power grid. <i>IET Cyber-Physical Systems: Theory and Applications</i> , 2018 , 3, 119-128	2.5	7
106	DLMP using three-phase current injection OPF with renewables and demand response. <i>IET Renewable Power Generation</i> , 2019 , 13, 1160-1167	2.9	6
105	Three-phase optimal power flow based distribution locational marginal pricing and associated price stability 2015 ,		6
104	Decentralized voltage stability monitoring and control in the smart grid using distributed computing architecture 2016 ,		6
103	SECPSIM: A Training Simulator for cyber-power infrastructure security 2013 ,		6
102	Development and real time implementation of a synchrophasor based fast voltage stability monitoring algorithm with consideration of load models 2013 ,		6
101	Real-Time Synchrophasor Data Anomaly Detection and Classification Using Isolation Forest, KMeans, and LoOP. <i>IEEE Transactions on Smart Grid</i> , 2021 , 12, 2378-2388	10.7	6
100	Quantifying power distribution system resiliency using code based metric 2016 ,		6
99	Voltage Control Strategy for Energy Storage System in Sustainable Distribution System Operation. <i>Energies</i> , 2021 , 14, 832	3.1	6
98	Data-Driven Static Load Model Parameter Estimation with Confidence Factor 2018 ,		6
97	Designing centralised and distributed system integrity protection schemes for enhanced electric grid resiliency. <i>IET Generation, Transmission and Distribution</i> , 2019 , 13, 1194-1203	2.5	5
96	. <i>IEEE Transactions on Power Delivery</i> , 2018 , 33, 2207-2216	4.3	5
95	Modeling of Electric Distribution Feeder Using Smart Meter Data 2018 ,		5
94	A novel optimal capacitor placement algorithm using Nelder-Mead PSO. <i>International Journal of Bio-Inspired Computation</i> , 2014 , 6, 290	2.9	5

93	Intelligent methods for smart microgrids 2011 ,		5
92	Developing a Survivability Index for Distribution Systems Including Islanding 2007 ,		5
91	A Genetic Algorithm Approach to Price-Based Unit Commitment 2006 ,		5
90	Hybrid voltage stability and security assessment using synchrophasors with consideration of generator Q-limits. <i>IET Generation, Transmission and Distribution</i> , 2020 , 14, 4042-4051	2.5	5
89	Resilient Cyber Infrastructure for the Minimum Wind Curtailment Remedial Control Scheme. <i>IEEE Transactions on Industry Applications</i> , 2019 , 55, 943-953	4.3	5
88	Anomaly Detection, Localization and Classification Using Drifting Synchrophasor Data Streams. <i>IEEE Transactions on Smart Grid</i> , 2021 , 12, 3570-3580	10.7	5
87	Resilient cyber infrastructure for the minimum wind curtailment remedial control scheme 2017 ,		4
86	Real time implementation of intelligent reconfiguration algorithm for microgrid 2014 ,		4
85	Performance analysis of a new synchrophasor based real time voltage stability monitoring (RT-VSM) tool 2014 ,		4
84	Analysis of the Volt/VAr control scheme for smart distribution feeders 2012 ,		4
83	Model-based integration technology for next generation electric grid simulations 2012 ,		4
82	Multi-agent based reconfiguration of AC-DC shipboard distribution power system. <i>Integrated Computer-Aided Engineering</i> , 2010 , 17, 347-357	5.2	4
81	Distributed state estimation with PMU using grid computing 2009 ,		4
80	Electricity Price Forecasting for PJM Day-Ahead Market 2006 ,		4
79	AC/DC Power System Modeling and Analysis for Shipboard Applications. <i>IEEE Power Engineering Society General Meeting</i> , 2007 ,		4
78	Analyzing impact of communication network topologies on reconfiguration of networked microgrids 2016 ,		3
77	Cyber physical simulation and remote testing of Remedial Action Schemes 2016 ,		3
76	Look-ahead control approach for thermostatic electric load in distribution system 2013 ,		3

75	Real Time Modeling and Control of Smart Grid Systems. <i>Green Energy and Technology</i> , 2012 , 1-26	0.6	3
74	A novel method for distributed real time voltage stability monitoring using synchrophasor measurements 2013 ,		3
73	Modeling and Simulation of Voltage Source Converter Medium-voltage DC System for Stability Analysis. <i>Electric Power Components and Systems</i> , 2011 , 39, 1134-1150	1	3
72	Optimal control of voltage and power in a Multi Zonal Shipboard MVDC Power System 2009 ,		3
71	Sensitivity Analysis of Similar Days Parameters for Predicting Short-Term Electricity Price 2007 ,		3
70	An Attempt to Forecast Price Spikes in Electric Power Markets 2006 ,		3
69	Denoising and Bad Data Detection in Distribution Phasor Measurements using Filtering, Clustering and Koopman Mode Analysis 2021 ,		3
68	Distributed Optimization in Distribution Systems: Use Cases, Limitations, and Research Needs. <i>IEEE Transactions on Power Systems</i> , 2021 , 1-1	7	3
67	Optimal Operation for Resilient and Economic Modes in an Islanded Alaskan Grid 2020 ,		3
66	Data-Driven Event Diagnosis in Transmission Systems With Incomplete and Conflicting Alarms Given Sensor Malfunctions. <i>IEEE Transactions on Power Delivery</i> , 2020 , 35, 214-225	4.3	3
65	Cyber-Physical Security and Resiliency Analysis Testbed for Critical Microgrids with IEEE 2030.5 2020 ,		3
64	Comparative Analysis of ML Techniques for Data-Driven Anomaly Detection, Classification and Localization in Distribution System 2021 ,		3
63	Cognitive Flexibility of Power Grid Operator and Decision Making in Extreme Events 2019 ,		3
62	2019 ,		3
61	Generator Model Validation and Calibration using Synchrophasor Data 2019 ,		3
60	Unbundling Smart Meter Services Through Spatiotemporal Decomposition Agents in DER-Rich Environment. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1	11.9	3
59	Cyber physical security analytics for transactive energy systems using ensemble machine learning 2018 ,		3
58	Data-Quality Aware State Estimation in Three-Phase Unbalanced Active Distribution System 2018 ,		3

57	Enhancing Microgrid Resiliency Against Cyber Vulnerabilities 2018 ,		3
56	Analysis of aircraft electric microgrid system with Auxiliary Power Unit using real time simulation 2015 ,		2
55	Cyber-security analysis of transactive energy systems 2018 ,		2
54	Study Buddies: Computer Geeks and Power Freaks Are Learning Smart Systems Together at Washington State. <i>IEEE Power and Energy Magazine</i> , 2013 , 11, 39-43	2.4	2
53	Towards application-aware data concentration schemes for advanced metering infrastructures 2015 ,		2
52	Real time modeling and simulation of campus microgrid for voltage analysis 2014 ,		2
51	A novel online wide area voltage stability control algorithm for power systems: RT-VSMAC tool 2014 ,		2
50	Distribution power flow for multiphase meshed or radial systems 2008 ,		2
49	2008 ,		2
48	A Generic Digital Model of Multiphase Synchronous Generator for Shipboard PowerSystem 2007 ,		2
47	A Selective Voltage Measurement System for Series Connected Battery Packs		2
46	Machine learning algorithm for activity-aware demand response considering energy savings and comfort requirements. <i>IET Smart Grid</i> , 2020 , 3, 730-737	2.7	2
45	AWR: Anticipate, Withstand, and Recover Resilience Metric for Operational and Planning Decision Support in Electric Distribution System. <i>IEEE Transactions on Smart Grid</i> , 2021 , 1-1	10.7	2
44	Real-Time Federated Cyber-Transmission-Distribution Testbed Architecture for the Resiliency Analysis. <i>IEEE Transactions on Industry Applications</i> , 2020 , 56, 7121-7131	4.3	2
43	RT-RMS: A Real-Time Resiliency Management System for Operational Decision Support 2021 ,		2
42	Comparative Analysis of PMU Based Corridor Voltage Stability Indices and Enhanced Approach 2019 ,		2
41	Remote PMU Testing using Low-cost FPGA Platform and PPA following IEEE TSS 2019 ,		2
40	Blockchain-Based Privacy Preserving and Energy Saving Mechanism for Electricity Prosumers. <i>IEEE Transactions on Sustainable Energy</i> , 2021 , 1-1	8.2	2

39	Synchrophasor based ZIP Parameters Tracking using ML with Adaptive Window and Data Anomalies. <i>IEEE Transactions on Power Systems</i> , 2021 , 1-1	7	2
38	Resiliency-driven strategies for power distribution system development. <i>Electric Power Systems Research</i> , 2021 , 197, 107327	3.5	2
37	Data-driven operation of the resilient electric grid: A case of COVID-19. <i>Journal of Engineering</i> , 2021 , 2021, 665	0.7	2
36	TPCPF: Three-Phase Continuation Power Flow Tool for Voltage Stability Assessment of Distribution Networks With Distributed Energy Resources. <i>IEEE Transactions on Industry Applications</i> , 2021 , 57, 5425-5436	4.3	2
35	Synchrophasor-based Event Detection, Classification and Localization using Koopman, Transient Energy Matrix, Best Worth Method, and Dynamic Graph. <i>IEEE Transactions on Power Delivery</i> , 2021 , 1-1	4.3	2
34	Data-Driven Short-Term Voltage Stability Assessment Using Convolutional Neural Networks Considering Data Anomalies and Localization. <i>IEEE Access</i> , 2021 , 9, 128345-128358	3.5	2
33	MPC-Based Decentralized Voltage Control in Power Distribution Systems with EV and PV Coordination. <i>IEEE Transactions on Smart Grid</i> , 2022 , 1-1	10.7	2
32	Data-Quality Aware Distribution State Estimation Using Maximum Normal Measurement Rate. <i>IEEE Transactions on Industry Applications</i> , 2020 , 56, 2061-2068	4.3	1
31	Cyber-power testbed for distributed monitoring and control 2018 ,		1
30	A comparative study of model and measurement based voltage stability approaches 2015 ,		1
29	2009 ,		1
28	Cognitive engineering studies of DSS and dealing with uncertainty in load for real-time adaptive power system reconfiguration 2009 ,		1
27	Comprehensive modeling and stability analysis of biomass generation 2009 ,		1
26	Power system decoupled simulation in MATLAB/SIMULINK 2008 ,		1
25	Shipboard Power Systems Research Activities at Mississippi State University 2007 ,		1
24	Denoising and Detection of Bad Data in Distribution Phasor Measurements using Filtering, Clustering and Koopman Mode Analysis. <i>IEEE Transactions on Industry Applications</i> , 2022 , 1-1	4.3	1
23	DPMU-based multiple event detection in a microgrid considering measurement anomalies. <i>Applied Energy</i> , 2022 , 308, 118269	10.7	1
22	Distributed Optimal Voltage Control for Three Phase Unbalanced Distribution Systems with DERs 2020 ,		1

21	End-to-End Remote Field Testing of Phasor Measurement Units Using Phasor Measurement Unit Performance Analyzer Test Suite. <i>IEEE Transactions on Industry Applications</i> , 2020 , 56, 7067-7076	4.3	1
20	Control of PV-Battery System for Resiliency Improvement 2019 ,		1
19	A Real-Time Transmission-Distribution Testbed for Resiliency Analysis 2019 ,		1
18	Intelligent Control of Battery Storage for Resiliency Enhancement of Distribution System. <i>IEEE Systems Journal</i> , 2021 , 1-11	4.3	1
17	Zero-Setting Algorithm for High-Speed Open Line Detection Using Synchrophasors 2018 ,		1
16	Real-time ZIP Load Parameter Tracking using Sensitivity based Adaptive Window and Variable Elimination with Realistic Synchrophasor Data. <i>IEEE Transactions on Industry Applications</i> , 2021 , 1-1	4.3	1
15	Coordinating Energy Resources in an Islanded Microgrid for Economic and Resilient Operation. <i>IEEE Transactions on Industry Applications</i> , 2022 , 1-1	4.3	1
14	A Data-Driven Algorithm for Enabling Delay Tolerance in Resilient Microgrid Controls Using Dynamic Mode Decomposition. <i>IEEE Transactions on Smart Grid</i> , 2022 , 1-1	10.7	1
13	Remote testing architecture for synchrophasor-based remedial action schemes. <i>IET Generation, Transmission and Distribution</i> , 2020 , 14, 4060-4068	2.5	0
12	Distributed Voltage Control for Three-Phase Unbalanced Distribution Systems with DERs and Practical Constraints. <i>IEEE Transactions on Industry Applications</i> , 2021 , 1-1	4.3	0
11	Reachability-Based False Data Injection Attacks and Defence Mechanisms for Cyberpower System. <i>Energies</i> , 2022 , 15, 1754	3.1	0
10	Enhancing distribution system resiliency with microgrids formation using weighted average consensus. <i>International Journal of Electrical Power and Energy Systems</i> , 2022 , 141, 108161	5.1	0
9	DINGO: Digital assistant to grid operators for resilience management of power distribution system. <i>Electric Power Systems Research</i> , 2022 , 210, 108076	3.5	0
8	A Hybrid Short-Term Load Forecasting Approach for Individual Residential Customer. <i>IEEE Transactions on Power Delivery</i> , 2022 , 1-1	4.3	0
7	Guest Editorial Special Section on Cloud Computing in Smart Grid Operation and Management. <i>IEEE Transactions on Industrial Informatics</i> , 2018 , 14, 1207-1209	11.9	
6	Analyzing Cyber Requirements for the Smart Grid Applications. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2017 , 151-154	0.2	
5	Modelling and validation of differential relay using real time digital simulator. <i>International Journal of Energy Technology and Policy</i> , 2012 , 8, 305	1	
4	Data-Driven ZIP Load Parameter Tracking with Variable Elimination Using Synchrophasor Data		

- 3 Critical Comparative Analysis of Measurement based Centralized Online Voltage Stability Indices. *IEEE Transactions on Power Systems*, **2022**, 1-1 7
- 2 Decentralized Voltage Stability Monitoring and Control With Distributed Computing Coordination. *IEEE Systems Journal*, **2021**, 1-10 4-3
- 1 Improved Observability in Distribution Grids Using Correlational Measurements. *IEEE Access*, **2022**, 10, 27320-27329 3-5